



PRODUCT DATA SHEET

EV233-00 Permanox Stain Flat

General Description: Ever-Gard's Permanox Stain Flat is a 100% acrylic exterior/interior grade, premium quality, high hide, water-base stain for wood and masonry substrates. Permanox Stain is a breathable and flexible system to allow improved adhesion and protection from water damage. It has better grain crack resistance for wood as well as alkali resistance on masonry. Permanox Flat is suitable for all interior/exterior residential, commercial, and institutional projects.

Available in White (00), Tint (25), Deep (50), Ultra Deep (75), Neutral (85) Bases.

Product Information – White Base (00)	
Vehicle Type: Water-Base 100% Acrylic Latex	Approximate Dry Time at 77°F:
Gloss 20°.....1.5 ±0.5 60°.....3.0 ±0.5 85°.....2.0 ±0.5	To Touch: 30 – 60 min To Recoat: 2 – 4 Hours Dry times affected by Humidity and Temperature
Solids by Weight: 56.9% ± 2%	Recommended Film Thickness:
Solids by Volume: 39.5% ± 2%	Wet: 5.0 mil Dry: 2.0 mil
Density: 11.67 lbs/gal	Theoretical Coverage:
Viscosity: 105 – 110 KU	1.0 mil dry: 640 ft ² /gal
VOC: 49 g/L	2.0 mil dry: 320 ft ² /gal
Storage Temperature: 40°F - 90°F	Contrast Ratio
Shelf-Life: 24 Months Some separation may appear. Stir thoroughly before use.	2.0 mil dry: >95%

Surface Preparation: All surfaces must be clean, dry, and free from dust, dirt, oil, mildew, rust, chalking, loose paint or any other contaminants. New plaster or masonry must be allowed to cure (30 days) before applying. Poured or pre-cast concrete surface should be etched or abraded to increase adhesion and to remove all form release agents. If oil contamination is of concern, use a degreaser. Be aware, degreasers must be rinsed thoroughly and allowed to dry completely.

Repair all cracks, holes, and surface imperfections with a suitable patching material. After filling, patching materials should be sanded down and dusted for loose residue. It is recommended to spot prime after patching holes, cracks, and surface imperfections.

If painting over previously painted surface, test a small area for adhesion prior to completing job. Painting over oil-base paints and other difficult to adhere surfaces require an adhesion promoting primer before painting. If painting over glossy finish, light sanding is needed to achieve necessary adhesion.

Primers: The following systems are recommendations for commonly painted substrates.
 Drywall: EV484 ProSpec PVA Sealer, EV481 Acra Undercoater, EV486 Hi-Hide PVA Sealer
 Wood Substrates: EV477 Total Prep Primer, EV487 Hybrid Wood Primer
 Masonry: EV471 EverBond Concrete Primer, EV472 AcraPoxo Surface Conditioner
 Metal: MB270 DTM Primer, TT7400 Rustless Metal Alkyd Primer
 Difficult to Paint Substrates: EV488 Stik-All Primer Urethane Modified

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Application: Stir thoroughly before and during use. Apply only when surface and air temperature is between 50°F to 90°F and a relative humidity below 80%. If applying under severe conditions such as direct sunlight or very dry humidity conditions, additional water or latex extenders may be necessary to account for the shortened open time. Prior to application, thoroughly mix to ensure uniformity. Latex should be spray applied using a tip size of 0.013" to 0.017" at 1500 to 2500 psi. Apply in a uniform manner to minimize blotchiness and sag. Second coat can be applied after 1 hour of dry time. If thinning is desired, add up to 8 fl oz of clean water per gallon of paint.

Clean up: To clean tools, wash with soap and warm water. *In the case of spills*, use containment techniques to prevent further spillage and spreading of material. Wipe up before drying. Dispose of all contaminated materials and containers following federal/state/local regulations.

Environmental: Consult with regulatory and governmental agencies for allowable usage conditions and disposal methods. Do not pour leftover material down the drain.

Safety Measure: Before using, thoroughly Read the Material Safety Data Sheet. Clean hands and contaminated skin with warm water and soap. If irritation develops, wash off immediately with plenty of water.

Limitations: Not recommended for floors, decks, or any surfaces that will be under constant exposure to heavy abrasion or water.

Warning! If you scrape sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.**

To protect yourself and your family, you may contact 1-800-424-LEAD or log on www.epa.gov/lead.

Warning: Do not apply if surface, container or air temperature is below **50 degree F**.

Notice: Purchaser is responsible for legal disposal of containers. Close container after each use. Do not take internally. **Keep out of reach of children. Keep from freezing.**

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